

CLAIMS:

1. An electrically conductive resinous composition composed mainly of an electrically conductive carbon powder and a binding agent, wherein
said binding agent is a mixture of a thermoplastic resin and a carbodiimide compound.
2. An electrically conductive resinous composition as defined in Claim 1, wherein the mixture consists of 100 parts by mass of the thermoplastic resin and 0.001-50 parts by mass of the carbodiimide.
3. An electrically conductive resinous composition as defined in Claim 1 or 2, wherein the electrically conductive carbon powder is one which has a mean particle diameter of 10 to 500 μm , and the amount of the electrically conductive carbon powder is 100-1000 parts by mass for 100 parts by mass of the thermoplastic resin.
4. A fuel cell separator which is molded from the electrically conductive resinous composition defined in any of Claims 1 to 3, wherein the fuel cell separator has on one side or both sides thereof grooves through which an oxidizing gas or fuel gas is supplied, the fuel cell separator also has a specific resistance not higher than 200 $\text{m}\Omega \cdot \text{cm}$.
5. A process for producing a fuel cell separator from an electrically conductive resinous composition composed mainly of an electrically conductive carbon powder and a binding agent (which is a mixture of a thermoplastic resin and a carbodiimide compound), said fuel cell separator having on one side or both sides thereof grooves through which an oxidizing gas or fuel gas is supplied, said process comprising the step of:

